



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera

Eurotech Industries, Inc.
4201 NE 12th Terrace
Ft. Lauderdale, FL 33334

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Outswing Aluminum Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W03-80**, titled "Aluminum Casement Window (L.M.I.)", sheets 1 through 5 of 5, dated 09/05/03, with revision D dated 10/19/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # **08-1112.08** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



Handwritten signature and date: 4/10/12

NOA No. 12-0207.03
Expiration Date: February 05, 2014
Approval Date: April 19, 2012
Page 1


NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-80**, titled "Aluminum Casement Window (L.M.I.)", sheets 1 through 5 of 5, dated 09/05/03, with revision D dated 10/19/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of aluminum casement windows mulled side-by-side, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-03-1315**, dated 05/12/03, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA # 06-1019.03)
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum casement windows mulled side-by-side, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-03-1829**, dated 05/12/03, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA # 06-1019.03)
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of a single aluminum casement window, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-03-1317**, dated 05/14/03, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA # 06-1019.03)
4. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of single aluminum casement windows, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-03-1822**, dated 01/23/04, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA # 06-1019.03)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0207.03
Expiration Date: February 05, 2014
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C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007 dated 10/07/08, updated to the FBC-2010, prepared by Al-Farooq Corporation, dated 10/18/11, signed and sealed by Javad Ahmad, P.E.
(Submitted under previous NOA#08-1112.08)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **11-0325.05** issued to Solutia, Inc. for their "**Saflex and Vanceva clear and color interlayers**" dated 05/05/11, expiring on 05/21/16.

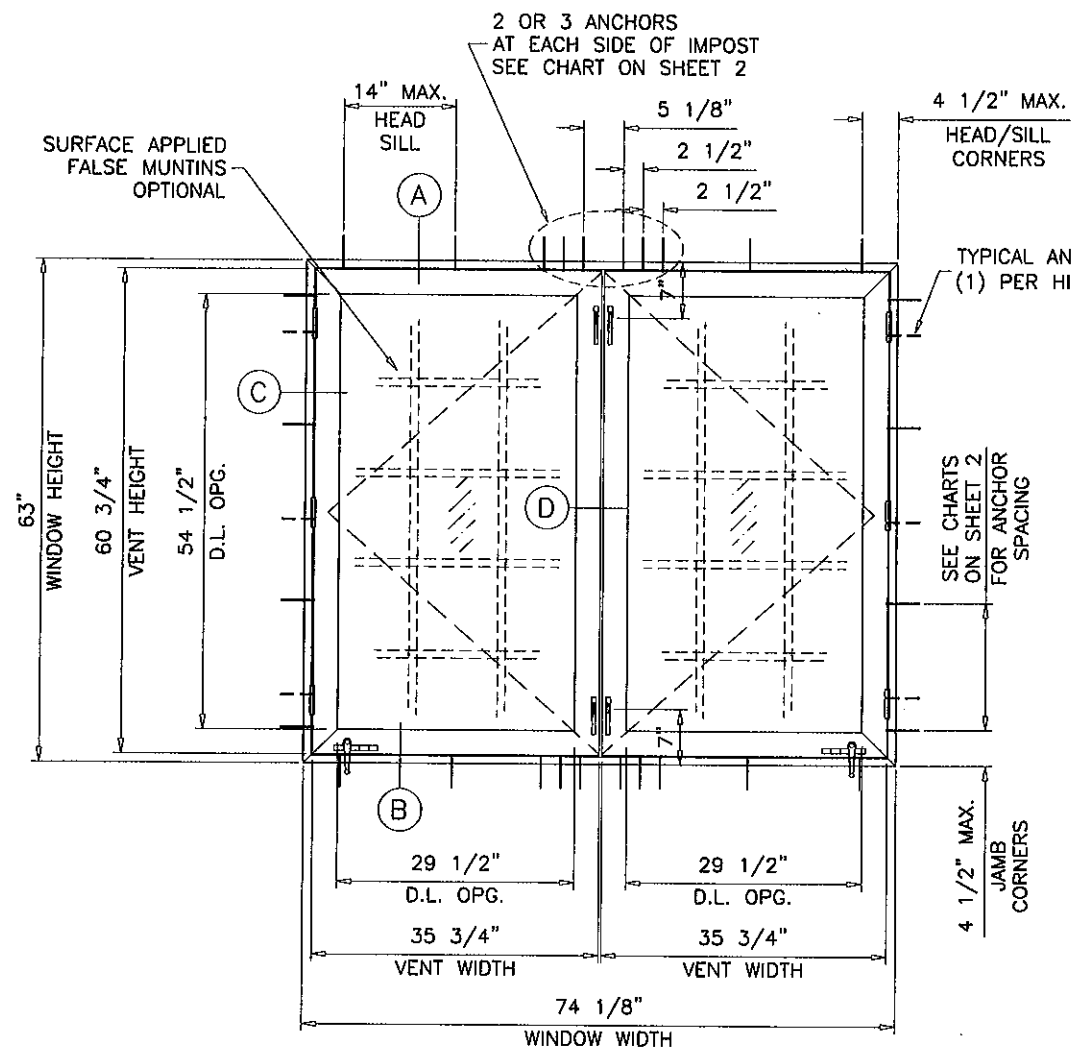
F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated October 18, 2011, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. Notice of Acceptance No. **08-1112.08**, issued to Eurotech Industries, Inc. for their Outswing Aluminum Casement Window – L.M.I., approved on 03/11/09 and expiring on 02/05/14.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0207.03
Expiration Date: February 05, 2014
Approval Date: April 19, 2012

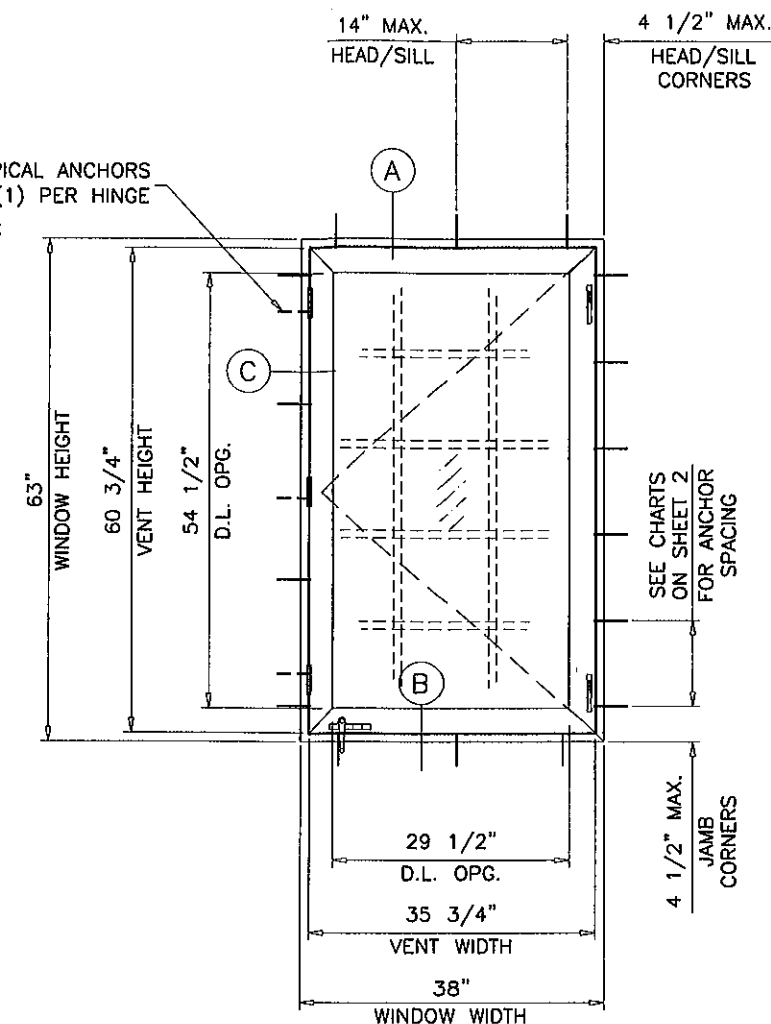


TYPICAL ANCHORS
(1) PER HINGE

TYPICAL ANCHORS
(1) PER HINGE

SEE CHARTS
ON SHEET 2
FOR ANCHOR
SPACING

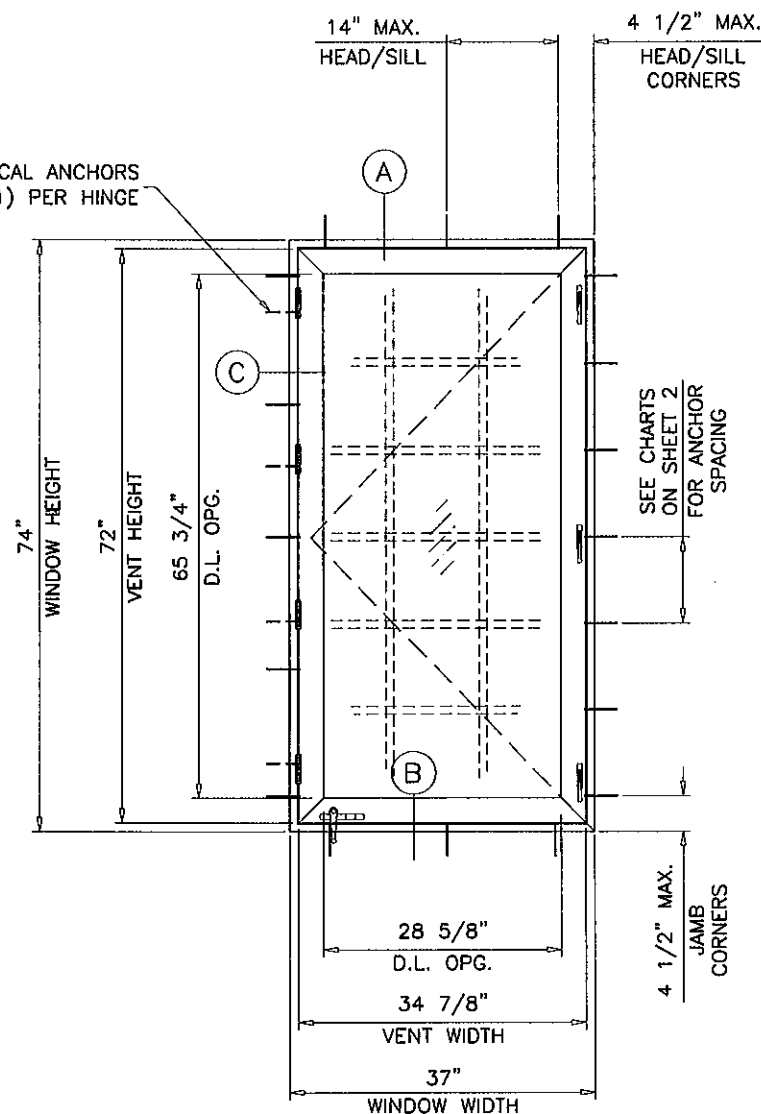
4 1/2" MAX.
JAMB
CORNERS



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(1) PER HINGE

SEE CHARTS
ON SHEET 2
FOR ANCHOR
SPACING

4 1/2" MAX.
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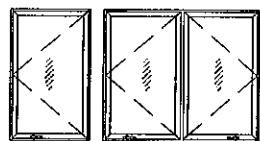


TYPICAL ELEVATIONS

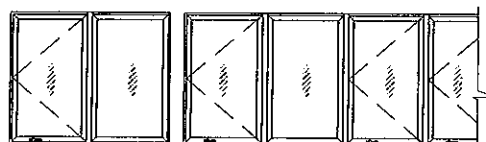
ALUMINUM CASEMENT WINDOW (IMPACT)

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE VENT WINDOWS OR DUAL VENT WINDOWS USING INTEGRAL IMPOST.



ALSO SIDE BY SIDE COMBINATIONS OF CASEMENT/CASEMENT OF TWO OR MORE WINDOWS USING APPROVED MULLIONS.



THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2010 FLORIDA BLDG. CODE SECTION 2003.8.4.

WINDOWS GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND DO NOT REQUIRE SHUTTERS.

Engr. JAVAD AHMAD
CIVIL
FLA. REG. # 70392
C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0207.03
Expiration Date FEB. 5, 2014

By *Mamun Jaz*
Miami Dade Product Control

NOV 21 2011

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W03-80EWD

ALUMINUM CASEMENT WINDOW (L.M.I.)
EUROTECH INDUSTRIES INC.
4201 N.E. 12TH TERRACE
FT. LAUDERDALE, FL. 33334
TEL. (954) 630-9967 FAX. (954) 630-0217

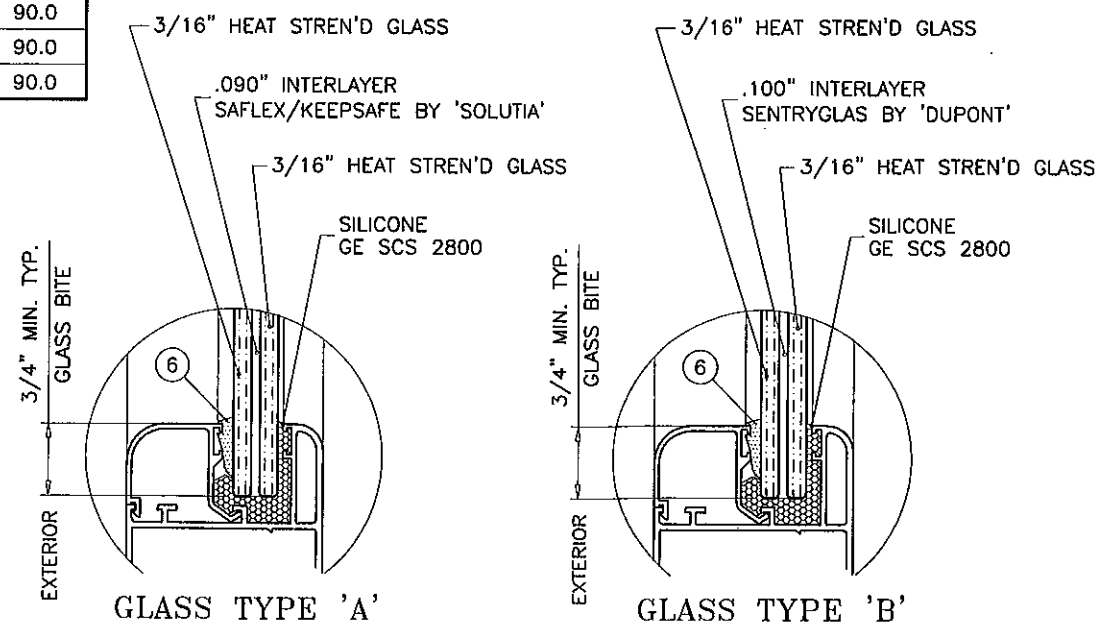
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	B	05.09.06	UPDATED FOR 2004 FBC
	C	10.06.08	UPDATED FOR 2007 FBC
	D	10.19.11	UPDATED TO 2010 FBC

date: 09-05-03
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W03-80
sheet 1 of 5

DESIGN LOAD CAPACITY - PSF FOR (X) SIZES									
WINDOW DIMS. WIDTH HEIGHT		GLASS TYPE 'A'				GLASS TYPE 'B'			
		JAMB ANCHORS AT 16" O.C.		JAMB ANCHORS AT 8" O.C.		JAMB ANCHORS AT 16" O.C.		JAMB ANCHORS AT 8" O.C.	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
26-1/2"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
37"		75.0	75.0	75.0	75.0	75.0	85.3	75.0	90.0
19-1/8"	38-3/8"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
26-1/2"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
37"		75.0	75.0	75.0	75.0	75.0	77.1	75.0	90.0
19-1/8"	50-5/8"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
26-1/2"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
37"		73.0	73.0	75.0	75.0	73.0	73.0	75.0	90.0
19-1/8"	63"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
26-1/2"		75.0	75.0	75.0	75.0	75.0	81.9	75.0	90.0
37"		58.7	58.7	75.0	75.0	58.7	58.7	75.0	90.0
19-1/8"	74"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
26-1/2"		75.0	75.0	75.0	75.0	75.0	83.7	75.0	90.0
37"		-	-	-	-	60.0	60.0	75.0	90.0
18"	24"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
24"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
30"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
36"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
18"	36"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
24"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
30"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
36"		75.0	75.0	75.0	75.0	75.0	84.4	75.0	90.0
18"	48"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
24"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
30"		75.0	75.0	75.0	75.0	75.0	76.0	75.0	90.0
36"		63.3	63.3	75.0	75.0	63.3	63.3	75.0	90.0
18"	60"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
24"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
30"		75.0	75.0	75.0	75.0	75.0	76.0	75.0	90.0
36"		63.3	63.3	75.0	75.0	63.3	63.3	75.0	90.0
18"	72"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
24"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
30"		75.0	75.0	75.0	75.0	75.0	76.0	75.0	90.0
36"		-	-	-	-	63.3	63.3	75.0	90.0

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



GLAZING OPTIONS

DESIGN LOAD CAPACITY - PSF FOR (XX) SIZES					
WINDOW DIMS. WIDTH HEIGHT		GLASS TYPE 'A' & 'B'			
		JAMB ANCHORS AT 16" O.C.			
		2 ANCHOR AT EACH SIDE OF IMPOST		3 ANCHORS AT EACH SIDE OF IMPOST	
EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26"	75.0	75.0	75.0	75.0
37"		75.0	75.0	75.0	75.0
53-1/8"		75.0	75.0	75.0	75.0
74"	38-3/8"	75.0	75.0	75.0	75.0
26-1/2"		75.0	75.0	75.0	75.0
37"		75.0	75.0	75.0	75.0
53-1/8"		75.0	75.0	75.0	75.0
74"	50-5/8"	75.0	75.0	75.0	75.0
26-1/2"		75.0	75.0	75.0	75.0
37"		75.0	75.0	75.0	75.0
53-1/8"		75.0	75.0	75.0	75.0
74"	63"	65.7	65.7	75.0	75.0
26-1/2"		75.0	75.0	75.0	75.0
37"		75.0	75.0	75.0	75.0
53-1/8"		73.6	73.6	75.0	75.0
74"	24"	52.8	52.8	61.0	61.0
24"		75.0	75.0	75.0	75.0
36"		75.0	75.0	75.0	75.0
48"	36"	75.0	75.0	75.0	75.0
60"		75.0	75.0	75.0	75.0
72"		75.0	75.0	75.0	75.0
24"	48"	75.0	75.0	75.0	75.0
36"		75.0	75.0	75.0	75.0
48"		75.0	75.0	75.0	75.0
60"	60"	75.0	75.0	75.0	75.0
72"		71.3	71.3	75.0	75.0
24"		75.0	75.0	75.0	75.0
36"	72"	75.0	75.0	75.0	75.0
48"		75.0	75.0	75.0	75.0
60"		68.4	68.4	75.0	75.0
72"	60"	57.0	57.0	72.6	72.6
24"		75.0	75.0	75.0	75.0
36"		75.0	75.0	75.0	75.0
48"	60"	75.0	75.0	75.0	75.0
60"		75.0	75.0	75.0	75.0
72"		71.3	71.3	75.0	75.0

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
NOV 21 2011

PRODUCT REVISED
as complying with the Florida
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By *Manuel Perez*
Miami Dade Product Control

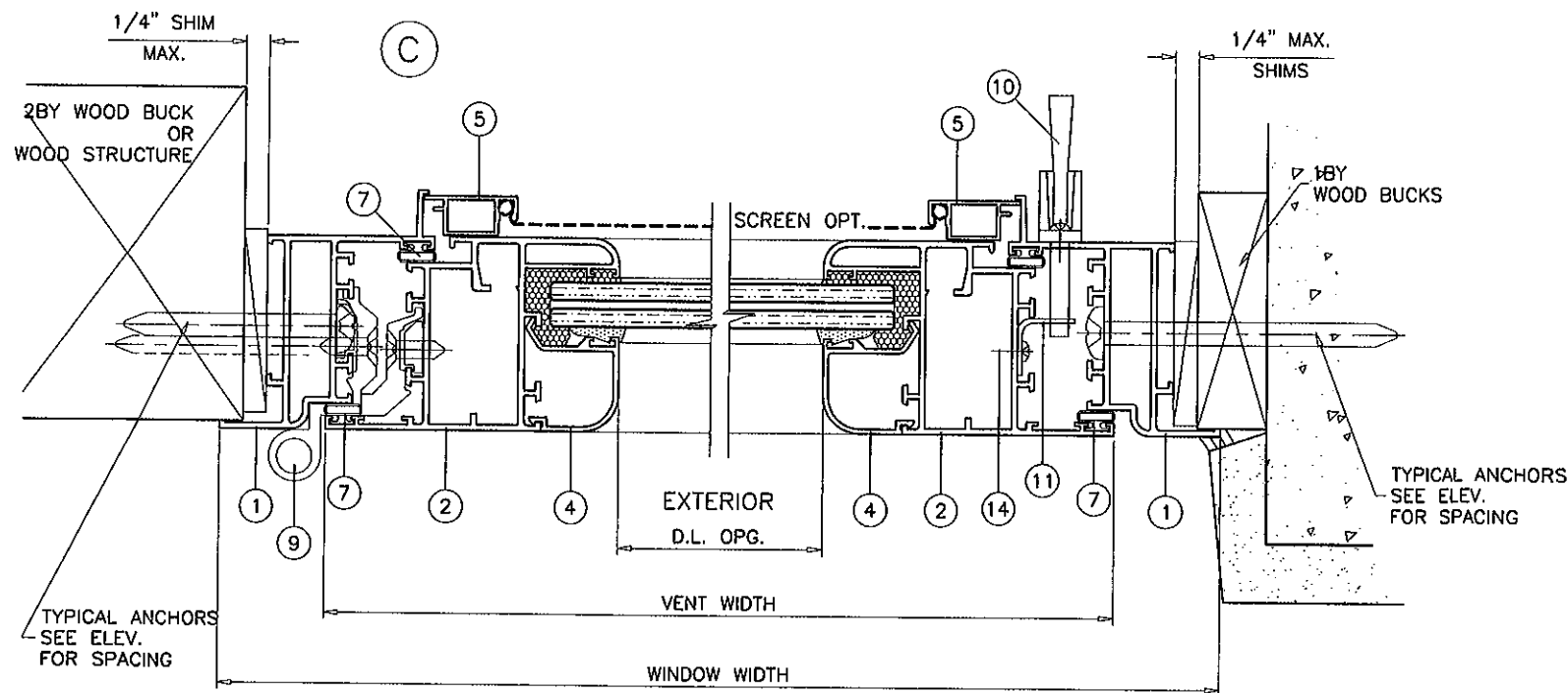
AL-FAROOQ CORPORATION
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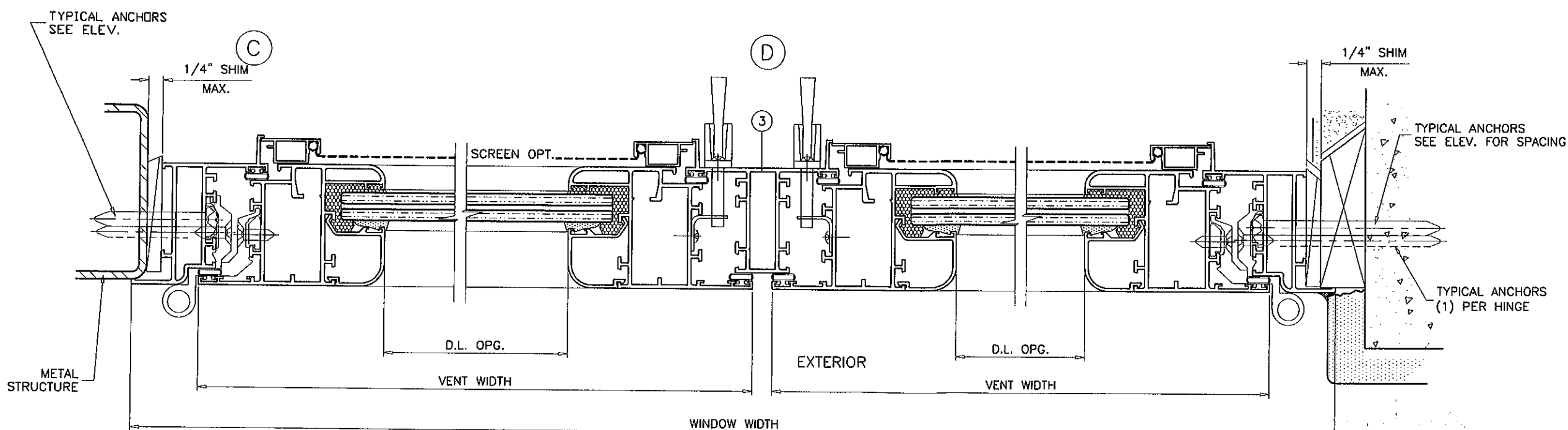
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	B	05.09.06		UPDATED FOR 2004 FBC
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	D	10.19.11		NO CHANGE THIS SHEET

date: 09-05-03
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W03-80
sheet 2 of 5



SINGLE VENT WINDOWS



DUAL VENT WINDOWS

MIAMI-DADE COUNTY
APPR'D MULLION
SEE SEPARATE NOA

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

TYPICAL ANCHORS
SEE ELEV. FOR SPACING

TYPICAL ANCHORS
(1) PER HINGE

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

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By *Mamuel*
Miami Dade Product Control

NOV 21 2011

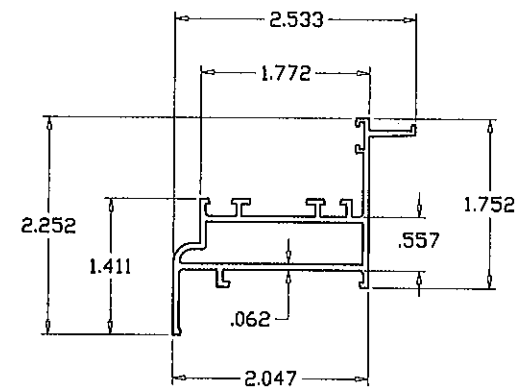
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W03-80EWD

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EUROTECH INDUSTRIES INC.
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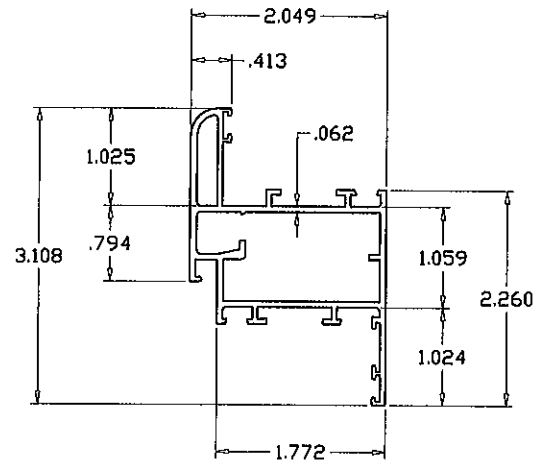
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	A	01.10.04			NO CHANGE THIS SHEET
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chk. by:

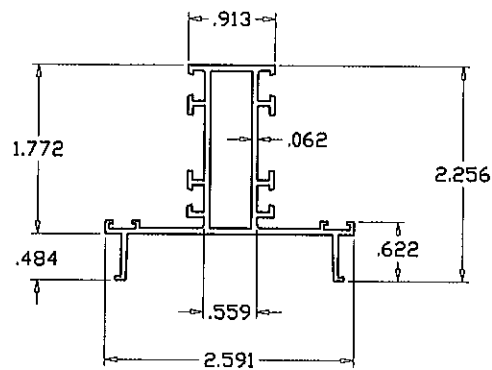
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W03-80
sheet 4 of 5



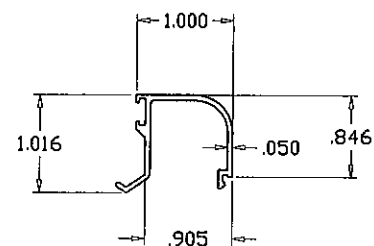
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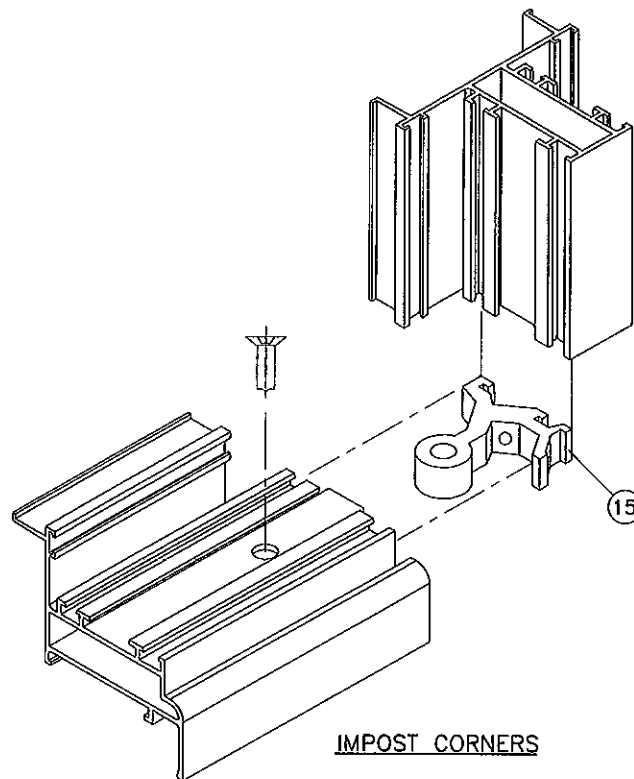
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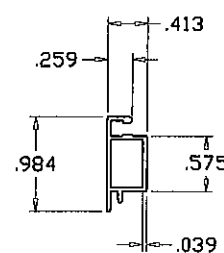
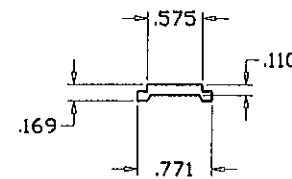
IMPOST



GLAZING BEAD

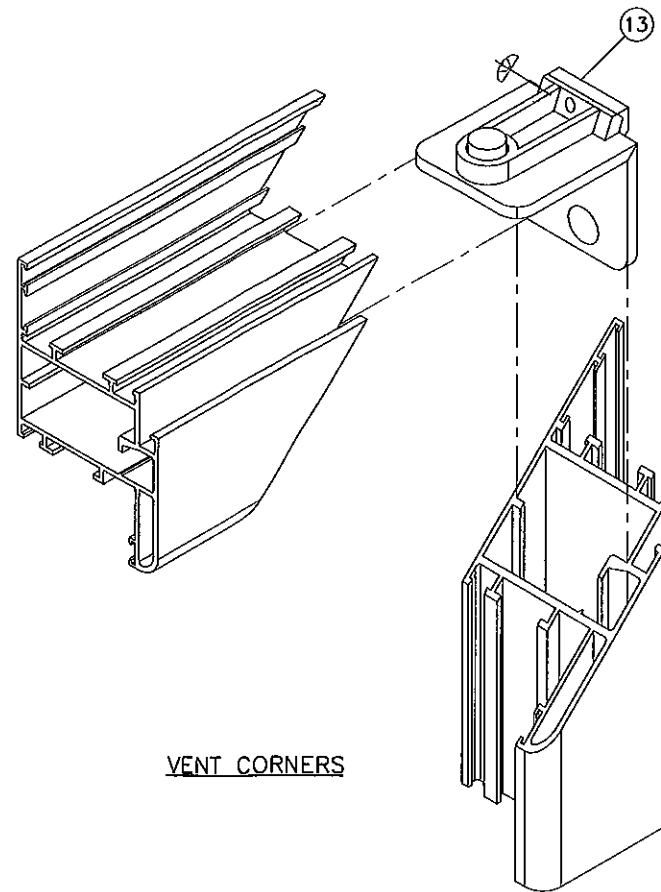


IMPOST CORNERS

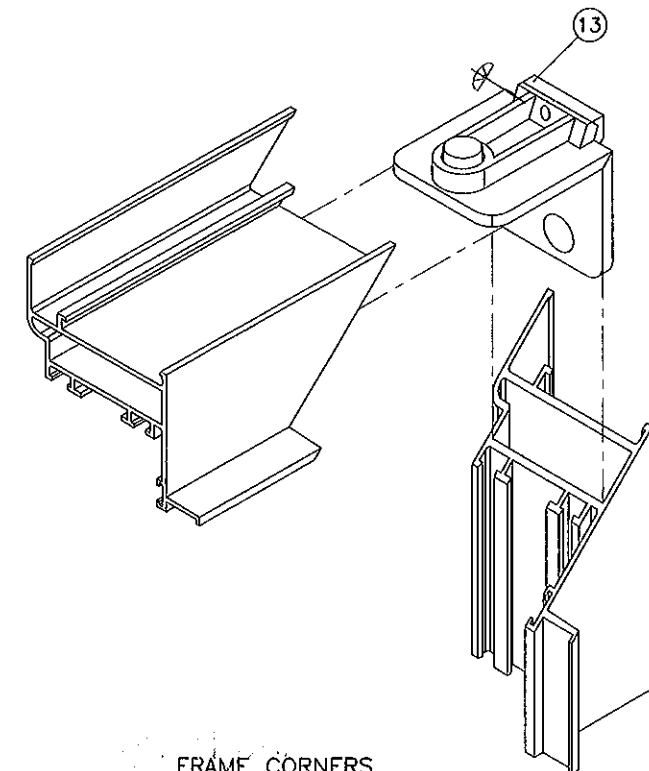


WINDOW SCREEN

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ER001	4	WINDOW FRAME	6063-T6	-
2	ER008	4	VENT	6063-T6	-
3	ER003	1	CENTER POST	6063-T6	-
4	ER002	AS REQD.	GLAZING BEAD	6063-T6	-
5	ER004	OPTIONAL	WINDOW SCREEN	6063-T6	-
6	2801	AS REQD.	WEDGE GASKET	-	-
7	-	AS REQD.	FRAME WEATHERSTRIPPING	VINYL	-
8	-	-	-	-	-
9	0150X	3/ VENT	HINGES	-	GIESSE, ATTACHED W/ (3) #12 X 7/16" MS
10	24.25.32.300	2/ VENT	LEVER TYPE FACE MOUNT LOCK, 7" FROM TOP & BOTTOM	STEEL	TRUTH, ATTACHED W/ (2) #8 X 3/8" PH SMS
11	-	2/ VENT	LOCK KEEPERS, AT VENT STILE FACING LOCK	STEEL	ATTACHED W/ (2) #8 X 3/4" PH SDS
12	10579.32	1	ROTO OPERATOR	STEEL	TRUTH, ATTACHED W/ (2) #10 X 1/2" SS SMS
13	1103	1/ CORNER	CLIP-ON CORNER JOINT	ALUMINUM	GIESSE
14	-	2/ LOCK	LOCK INSTALLATION SCREWS	-	#8 X 3/8" PH SMS
15	485	AS REQD.	T-POST CONNECTOR	-	GIESSE



VENT CORNERS



FRAME CORNERS

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
NOV 21 2011

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0207.03
Expiration Date FEB. 5, 2014
dr. by: HAMID
chk. by: *Manuel Perez*
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W03-80EWD

ALUMINUM CASEMENT WINDOW (L.M.I.)
EUROTECH INDUSTRIES INC.
4201 N.E. 12TH TERRACE
FT. LAUDERDALE, FL. 33334
TEL (954) 630-9967 FAX (954) 630-0217

no	date	by	description
A	01.10.04		NO CHANGE THIS SHEET
B	05.09.06		NO CHANGE THIS SHEET
C	10.06.08		UPDATED FOR 2007 FBC
D	10.19.11		NO CHANGE THIS SHEET

date: 09-05-03
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W03-80
sheet 5 of 5